Döcket Number (Optional) YOR920030010US1	Application Number 10/671,887		
Applicant(s) Gustavson, et al.			
Filling Date	Group Art Unit		

(Use several sheets if necessary)				Applicant(s) Gustavson, et al.					
			_	Filing Date September	29, 2003	Group Art Unit	2193		
			U.S. PA	ATENT DOCUMENTS		***			
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		G DATE ROPRIATE	
						<del> </del>		<del></del>	
<u></u>									
	<u> </u>		U.S. PATENT AF	PPLICATION PUBLICATION	s	<u> </u>			
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	1	G DATE	
							IFAFFR	OPALATE	
								<del></del>	
		M				<del></del>			
			FOREIGN	PATENT DOCUMENTS			<u> </u>		
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS Translation			
		<del>*************************************</del>					YES	NO	
					_			<u> </u>	
						1		<u> </u>	
	1-1							<u> </u>	
<del></del>	<u> </u>								
(0)	, 1	T	OTHER DOC		uthor, Title, Date, Pe				
/CN/		Volume 1, "Foundation Engineering (2-Volume	ns of Computer-Aided Series), pp. 77-143.	l Chemical Process Design"	Copyright 1981,	American Instit	tute of Ch	emical	
EXAMINE	:R	/Chuong Ngo/		DATE CONSIDERED	05/14/	2007	<del></del>		

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-A820 (also form PTO-1449) P09A/REV05

Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE

## Docket Number (Optional) **Application Number** YOR920030010US1 10/671,887 INFORMATION DISCLOSURE CITATION Applicant(s) (Use several sheets if necessary) Gustavson, et al. Filing Date Group Art Unit September 29, 2003 Not Yet Assigned U.S. PATENT DOCUMENTS EXAMINER REP DOCUMENT NUMBER FILING DATE DATE INITIAL NAME CLASS SUBCLASS IF APPROPRIATE /CN/ US-6,601,080 07-2003 Garg, Rajat P. /CN/ US-5,983,230 11-1999 Gilbert et al. US-7,031,994 04-2006 Lao et al. -previous U.S. PATENT APPLICATION PUBLICATIONS EXAMINER REF DOCUMENT NUMBER INITIAL DATE FILING DATE NAME CLASS SUBCLASS <u>IF APPROPRIATE</u> FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY **CLASS** SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Phillip et al., PLAPACK: Parallel Linear Algebra Package Design Overview, 1997, IEEE Proceedings of the ACM/IEEE /CN/ SC97 Conference.

Agarwal et al., A High Performance Algorithm Using Pre-Processing for the Sparse Matrix-Vector Multiplication, 1992, IEEE, pages 32-41. /CN/

**EXAMINER** /Chuong Ngo/ DATE CONSIDERED 05/14/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-A820 (also form PTO-1449)

P09A/REV05

Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE

## Docket Number (Optional) Application Number YOR920030010US1 10/671,887 INFORMATION DISCLOSURE CITATION Applicant(s) (Use several sheets if necessary) Gustavson, et al. Filing Date **Group Art Unit** September 29, 2003 2193 **U.S. PATENT DOCUMENTS** EXAMINER REF DOCUMENT NUMBER INITIAL DATE NAME FILING DATE CLASS SUBCLASS IF APPROPRIATE /CN/ US-5,513,366 04-1996 Agarwal et al. US-5,825,677 10-1998 Agarwal et al. US-5,944,819 08-1999 Kumar et al. US-6,357,041 03-2002 Pingali et al. US-6,675,106 01-2004 Keenan, et al. U.S. PATENT APPLICATION PUBLICATIONS EXAMINER REF INITIAL DOCUMENT NUMBER DATE FILING DATE NAME CLASS SUBCLASS IF APPROPRIATE /CN/ US-2004/0148324 07-2004 Garg, Rajat P. FOREIGN PATENT DOCUMENTS REF DOCUMENT NUMBER DATE COUNTRY Translation CLASS SUBCLASS YES OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Form PTO-A820 (also form PTO-1449) /Chuong Ngo/

not considered. Include copy of this form with next communication to applicant.

**EXAMINER** 

P09A/REV05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and

DATE CONSIDERED

Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE

05/14/2007